

# Syllabus Math 3A Summer A 2022

**Instructor:** Mychelle Parker (she/her)  
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**Office Hours:** TWR 12:30 - 1:30 pm  
**Office:** South Hall 6431M

**Time/Location:** MTWRF 11:00 am - 12:10 pm in PHELP 1440

**Recommended Text:** *Calculus: Early Transcendentals*, 9<sup>th</sup> edition, by James Stewart. Other editions are also fine. Buying the textbook is optional. The homework will be completed online and no reading from the textbook will be assigned. However, the textbook does contain additional examples and practice problems, so you may find it useful.

**Course Topics:** Differential calculus including functions and limits, derivatives, techniques and applications of differentiation, and introduction to integration.

**Course Websites:** We will be using the following websites as part of this course

- **Gauchospace:** This is the main website for this class containing all course information.
- **Webwork:** Online homework assignments will be assigned through this website
- **Gradescope:** Weekly quizzes will be completed using Gradescope

Links to all other websites can be found on the class Gauchospace page.

**Lectures:** The first 50 minutes of each lecture will be spent covering new material. For the last 20 minutes of each lecture you will be split into small groups and work together on example problems similar to the ideas presented in class that day.

**Attendance:** Attending the lectures is not required, however it is highly recommended that you attend. If you choose not to attend you are still responsible for all information that was covered during the class period.

**Quizzes:** Quizzes will be given once a week and be turned in through Gradescope. You will be allowed to view course material while taking the quiz and you are encouraged to work together. However, using outside online sources is not allowed. Each week the quiz will be assigned on Wednesday and due Saturday night at 11:59 pm.

Being able to compute mathematics is a valuable skill to have, however it is equally important to be able to communicate mathematics. As a result quizzes (and exams) will be graded both on correctness and on clearly communicating all work with correct notation.

**Homework:** For each lecture there will be a corresponding homework assignment on Webwork. These assignments will be posted the day of the lecture. If the corresponding lecture is on MTWR, then it will be due the following Saturday at 11:59 pm. If the corresponding lecture is on a Friday, then the homework assignment will be due the Saturday of the next week at 11:59 pm.

Even though Webwork only asks for the final answer, I recommend that you practice writing full solutions to all Webwork problems, since you will need to be comfortable doing this on exams and quizzes.

**Exams:** There will be three midterm exams this quarter. The tentative dates for the exams are listed below. Any changes to the exam dates will be announced in lecture, by email, and on Gauchospace.

The first midterm will be given on Tuesday, July 5<sup>th</sup>

The second midterm will be given on Monday, July 18<sup>th</sup>

The third midterm will be given on Friday, July 29<sup>th</sup>

All exams will be completed during class. For each exam you may bring a single  $3 \times 5$  inch index card of notes. No technology (calculators/phones/smart watches/tablets) will be allowed. All work must be justified. As mentioned above exams will be graded both on correctness and on communication. If you are unable to make it to class the day of the exam, please contact me as soon as possible!

**Grading:** Final course grades will be based on:

Homework	30%
Quizzes	25%
Midterm 1	15%
Midterm 2	15%
Midterm 3	15%

**Grading Scale:** Final grades will be distributed as below.

<i>A</i>	93 – 100%
<i>A–</i>	89 – 92%
<i>B+</i>	86 – 88%
<i>B</i>	83 – 85%
<i>B–</i>	80 – 82%
<i>C+</i>	76 – 79%
<i>C</i>	72 – 75%
<i>C–</i>	70 – 71%
<i>D</i>	60 – 69%
<i>F</i>	0 – 59%

Final grades may be curved at the discretion of the instructor but it is not guaranteed.

**Pass/No Pass:** If you are taking the class as Pass/No-Pass, be aware that a grade of C or above will result in a Pass (P), while a grade of C- or below will result in No-Pass (NP).

**Academic Integrity:** Peer collaboration on homework and quizzes is encouraged; however, you are expected to turn in your own work for the final result. On exams you are expected to do your own work without consulting outside sources such as classmates, Math Lab, or other online recourses. Anyone caught cheating will receive a zero on that assignment, quiz, or exam and will be reported to the Office of Student Conduct. Please be honest and follow the guidelines given for each assignment!

**DSP:** I am very willing to work with you to make sure the course is accessible: please just let me know what you need. More information about DSP and possible accommodations can be found at the following website: <https://dsp.sa.ucsb.edu/>. If you need any exam accommodations, be sure to contact DSP before the date of our first exam.

**COVID:** Students are required to follow all campus COVID policies. It is highly recommended that everyone wear a mask while in the classroom. If you happen get sick during the quarter, please stay home! If this happens let me know that you are unable to make it to class and together we can determine what would be the best way to prevent you from falling behind on the material. If you happen to be ill on an exam day please contact me as soon as possible.

**Possible Changes:** The information given in the syllabus may change during the quarter. All changes will be announced in class and by email.